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54 CAC H	108 TGG W	162 AAG K	216 GAC D	270 AAA K	324 TCC S	378 CCC
CCA	CAC H	AAC N	AAA K	AGG R	GCT	GAG
ATG M	CCT	CCC	CCC	AAG K	AAG K	CCA
45 AGC	99 TAC Y	153 CCA P	207 GGC G	261 AAC N	315 GTC V	369 GAA E
GTC	3 3 9	CCC	CTG	CCC	ACT T	CCT
೨೦೨೮	AAG K	AAG K	TTC	AAG K	CCT	GAG E
36 CTC	90 ATG M	144 GTG V	198 GCC A	252 GGC G	306 AAC N	360 Gaa E
CCT	AAG	GCC	ACA T	TTT F	AAC N	GTG V
999	GCT	9	GAA	AAG K	GAG E	TGT
27 CCT	81 TTC F	135 GAT D	189 CAC H	243 GAG E	297 ATC I	351 AGC S
550	GTG V	GCG	ACA T	AAG K	GAG E	AAG K
CTG	${ m TTG}$	ATC I	9 9	TCC	TGG W	AAA K
18 TTT	72 GAC D	126 GAC D	180 TTT F	234 GAA E	288 CTG L	342 CAG Q
၁၅၁	999 G	GAC D	TTC	GAG	999 9	TCC
AGC	CCC	ATC I	TTT	TAC	GAG E	TCC
9 TGC	63 AAG K	117 AGG R	171 ATC I	225 CCT P	279 AGC S	333 CAG Q
CGC	TTC	DD 4	CCC	TTC	${ m TTC}$	TAT Y
υ	GCC	CCT	TAC	CTC	999 9	ე ე ნ
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FIGURE 1A

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AGC	AAA K	CCC	GTT V	9 299	GAG	TAG (
AGC	GAG E	CGT	GAG E	CCC	GAA E	CTG
423 GGC G	477 AAC N	531 AAA K	585 TTG L	639 GAG E	693 NAG X	747 AGC S
GAG E	AAG	CCT	ACC	TCT	NNN X	GAG E
GCA A	GAG E	TCT	GCC	CCC	NNN X	CAT H
414 AAT N	468 AAG K	522 GAC D	576 GCA A	630 ACC T	684 NNN X	738 AGT S
999 9	GCC	GAG	GAG	AGC	NNN NNN X X	ATC AAG
AAG K	CCA P	CTG L	AAG K	AAT N	NININ X	ATC
405 AAG K	459 GAG E	513 TTG L	567 GAG E	621 AAG K	675 NNN X	729 CCA GGC AT P G I
GAT D	GAT D	GAC	GAG E	GAA E	NNN	CCA
GGT	ATT I	GGG G	GGA G	GTG V	NNN X	GCC A
396 GAC D	450 GTC V	504 GCA A	558 GAA E	612 GAG E	666 CNN X	720 GAG E
GGT	CTG	AGA R	CCT	ATG M	CCC	GCT
GAG	AAG K	AGG R	AAC N	CCT	CCT	GAT D
387 GCA A	441 GGG G	495 AAG K	549 GAA E	603 CTT L	657 GGG G	711 GAA E
GCT	GAA E	TTG	GCA A	CCC	CGG R	AAG K
387 GAA GCT GCA E A A	GAG GAA E E	GCG A	GAG GCA E	AGG R	GGC CGG G R	ACC AAG T K

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792	TGC	
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FIGURE 3A

FIGURE 3B

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FIGURE 3C

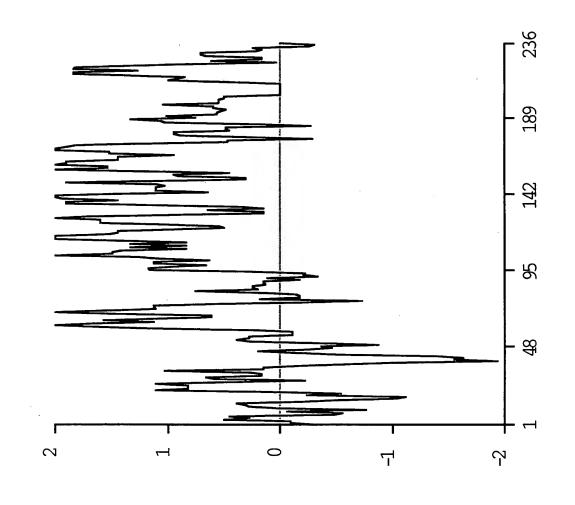


FIGURE 4A

FIGURE 4B

Library	Lib Description	Abun	Pct Abun
HNT3AZT01	hNT2 cell line, teratocarcinoma, treated AZ	5	0.3425
THP1PLB02	THP-1 promonocyte cell line, treated PMA, LPS	4	0.1630
THP1PEB01	THP-1 promonocyte cell line, treated PMA	r	0.1463
PANCDIT03	pancreas, NIDDM, 57 M	⊣	0.1462
THP1T7T01	THP1 cells, untreated	c	0.1447
	brain stem, 72 M	· H	0.1214
	prostate tumor, 65 M, match to PROSNOT20	4	0.1118
	HUVEC endothelial cell line, shear stress	٣	0.1078
PENITUT01	penis tumor, carcinoma, 64 M	4	0.1066
	AML blast cells, blast crisis, 58 F	\leftarrow	0.1058
	colon, ascending, 28 M	٣	0.0932
	HUVEC endothelial cell line, control	7	0.0841
	uterus, 45 F	٣	0.0834
SINTNOT13	small intestine, ileum, ulcerative cholitis, 25 F	ж	0.0826
	lung tumor, 69 M, match to LUNGNOT15	Ŋ	0.0796
	ovary, 49 F, WM	⊣	0.0752
PLACNOM02	placenta, neonatal F, NORM, WM	13	0.0722
PROSNOT01	prostate, 78 M	7	0.0702
SPLNFEM01	spleen, fetal, WM	7	0.0663
COLNNOT19	large intestine, cecum, 18 F	2	0.0585
PROSTUT05	prostate tumor, 69 M, match to PROSNOT07	4	0.0580
COLNFET02	colon, fetal F	4	0.0571
	4.3 (1011)		

FIGURE 5A

THP1NOT01	THP1 cells, untreated	⊣	0.0571
LUNGTUT02	lung tumor, metastasis, 79 M, match to LUNGNOT03	m	0.0567
SININOTO1	small intestine, ileum, 4 F	7	0.0560
THP1AZT01	THP-1 promonocyte cell line, treated AZ	₽	0.0554
LUNGNOT15	lung, 69 M, match to LUNGTUT03	7	0.0553
LIVRFET02	liver, fetal F	2	0.0550
KERANOT02	keratinocytes, primary cell line, 30 F	٣	0.0546
PROSTUT09	prostate tumor, 66 M	7	0.0529
LEUKNOT03	white blood cells, 27 F	7	0.0523
TESTNOT03	testis, 37 M	4	0.0515
COLNPOT01	colon polyp, 40 F	7	0.0513
PROSNOT14	prostate, 60 M, match to PROSTUT08	7	0.0512
BRAITUT02	brain tumor, metastasis, 58 M	٣	0.0509
BRSTTUT03	breast tumor, 58 F, match to BRSTNOT05	2	0.0493
TESTNOT01	testis, 37 M	Н	0.0478
UCMCNOT02	mononuclear cells	7	0.0471
THP1PLB01	THP-1 promonocyte cell line, treated PMA, LPS	⊣	0.0452
BRSTNOT02	breast, 55 F, match to BRSTTUT01	4	0.0443
PROSNOT02	prostate, 50 M, match to PROSTUT01	⊣	0.0435
COLNNOT08	colon, 60 M	Н	0.0426
PANCTUT02	pancreatic tumor, carcinoma, 45 F	7	0.0403
SCORNOT01	spinal cord, 71 M	7	0.0402
UTRSNOT01	uterus, 59 F	Ч	0.0394
SINTTUT01	small intestine tumor, ileum, 42 M	⊣	0.0382
	FIGURE 5B		

TONIBER TERMI

TLYMNOR01	lymphocytes (non-adher PBMNC), 24 M, RP	П	0.0379
	hNT2 cell line, teratocarcinoma, treated RA	2	0.0376
	brain, 26 M	2	0.0371
LUNGNOT04	lung, 2 M	2	0.0366
	prostate, 65 M, match to PROSTUT12	⊣	0.0336
	heart, fetal, NORM, WM	æ	0.0335
	ovarian tumor, 43 F, match to OVARNOTO3	⊣	0.0323
	ovary, 59 F	⊣	0.0316
NEUTGMT01	granulocytes, periph blood, M/F, treated GM-CSF	2	0.0313
	breast, 58 F, match to BRSTTUT03	7	0.0309
STOMNOT02	stomach, 52 M, match to STOMTUT01	1	0.0308
BRSTNOT07	breast, 43 F	Ţ	0.0307
STOMNOT01	stomach, 55 M	⊣	0.0303
LUNGNOT18	lung, 66 F	П	0.0298
TONGTUT01	tongue tumor, carcinoma, 36 M	· 	0.0295
BRAITUT08	brain tumor, astrocytoma, 47 M	5	0.0293
COLNTUT06	large intestine, cecal tumor, 45 F	7	0.0293
LIVSFEM02	liver/spleen, fetal M, NORM, WM	11	0.0290
BEPINOT01	bronchial epithelium, primary cell line, 54 M	7	0.0289
PANCNOT07	pancreas, fetal M	┰	0.0287
UTRSNOT06	uterus, myometrium, 50 F	П	0.0282
LUNGNOT12	lung, 78 M	IJ	0.0278
TESTTUT02	testicular tumor, 31 M	T	0.0278

FIGURE 5C

DOGUMENT DEPLOT

THYRTUT03	thyroid tumor, benign, 17 M		0.0276
LATRTUT02	heart tumor, myoma, 43 M	7	0.0275
BEPINON01	bronchial epithelium, 1° cell line, 54 M, NORM	\vdash	0.0274
OVARNOT07	ovary, 28 F	⊣	0.0269
PTHYTUM01	parathyroid tumor, adenoma, M/F, NORM, WM	П	0.0268
KIDNTUT01	kidney tumor, Wilms, 8m F	П	0.0267
LATRNOT01	heart, left atrium, 51 F	⊣	0.0266
PROSTUT08	prostate tumor, 60 M, match to PROSNOT14	⊣	0.0266
BRSTNOM01	breast, F, NORM, WM	⊣	0.0264
BRAITUT13	brain tumor, meningioma, 68 M	⊣	0.0262
DUODNOT02	small intestine, duodenum, 8 F	⊣	0.0262
URETTUT01	ureter tumor, 69 M	⊣	0.0262
BRAITUT07	brain tumor, left frontal, 32 M	П	0.0259
LIVRTUT01	liver tumor, metastasis, 51 F	⊣	0.0259
PROSNOT18	prostate, 58 M	⊣	0.0256
PANCNOT08	pancreas, 65 F, match to PANCTUT01	\vdash	0.0254
BLADTUT04	bladder tumor, 60 M, match to BLADNOT05	7	0.0253
PLACNOB01	placenta, neonatal F	\vdash	0.0251
LUNGNOT02	lung, 47 M	⊣	0.0246
TMLR3DT02	lymphocytes (non-adher PBMNC), M/F, 72-hr MLR	\leftarrow	0.0246
HIPONOT01	brain, hippocampus, 72 F	⊣	0.0239
RATRNOT02	heart, right atrium, 39 M	⊣	0.0237
MMLR1DT01	macrophages (adher PBMNC), M/F, 24-hr MLR	\vdash	0.0236
	FIGURE 5D		

COOLUMN TANGEN

	lymphocytes (non-adher PBMNC), M, 96-hr MLR	1	0.0229
PROSNOT06	prostate, 57 M, match to PROSTUT04	2	0.0228
	liver, 49 M	Н	0.0198
	colon tumor, 62 M, match to COLNNOT16	Н	0.0196
	brain, cerebellum, 69 M	Н	0.0195
	cervix, 35 F	Т	0.0194
	breast, 62 F	2	0.0192
	melanocytes, M, NORM, WM	7	0.0192
	lung, asthma, 17 M	7	0.0189
	synovium, knee, osteoarthritis, 82 F	Н	0.0180
	macrophages (adher PBMNC), M/F, 48-hr MLR	Н	0.0178
	synovium, wrist, rheumatoid, 62 F	П	0.0174
	hNT2 cell line, teratocarcinoma, control	Н	0.0173
	mononuclear cells, treated IL-5	7	0.0168
CONNNOT01	fat, mesentary, 71 M	Н	0.0149
	breast tumor, 54 F, match to BRSTNOT03	Н	0.0140
	brain tumor, oligoastrocytoma, 50 F	П	0.0134
	small intestine, fetal F	П	0.0130
	kidney, neonatal F	Н	0.0106
	brain, corpus callosum, Alzheimer's, 74 M	Н	0.0103
	breast tumor, 55 F, match to BRSTNOT02	1	0.0095
LUNGFET03	lung, fetal F	Н	0.0091
BRAINOM01	brain, infant F, NORM, WM	Н	0.0045
	FIGURE 5E		